

**WHAT IS CLAIMED IS:**

1. A design system, comprised of:

a web server;

a client computer; and

5 a PDF rendering engine for automatically generating a  
PDF based on a desired product designed at the client computer, wherein  
said server, said computer, and said engine are in communication with  
each other.

2. The design system of claim 1, further comprised of:

10 a database associated with said PDF rendering engine.

3. The design system of claim 2, wherein said PDF  
rendering engine is capable of accepting information about said desired  
product from said client computer in the form of name-value pairs.

4. The design system of claim 1, further comprised of:

15 a manufacturing computer capable of receiving said  
PDF; and

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a manufacturing device in communication with said manufacturing computer capable of producing the desired product based on the PDF.

5. The design system of claim 1, further comprised of:

5 a web-based design editor that allows a user to redefine attributes of the desired product.

6. The design system of claim 5, wherein said attributes include text elements and graphical elements.

7. A method for designing a product, comprising the steps  
10 of:

providing to a user at least one web page including selectable preliminary choices about the product;

receiving an indicator of said preliminary design choices from the user;

15 providing a web-based design editor to said user;  
receiving name-value pairs of information describing at least one attribute of said product; and

generating a PDF based on said preliminary design choices and said name-value pairs.

8. The method of claim 7, further comprising the step of:

releasing said PDF to a manufacturing computer after  
5 the user approves the PDF.

9. The method of claim 7, wherein said web-based design editor is provided to the user from a memory cache on a computer at the user's location.

10. The method of claim 7, wherein said web-based design  
10 editor is provided to the user from a web server remote from the user.

11. The method of claim 7, wherein said web-based design editor allows the user to relocate attributes of said product using drag & drop mouse functionality.

12. The method of claim 7, wherein said name-value pairs  
15 are incorporated into a computer program script.

13. A software-based design editor, comprised of:  
  
data on a computer readable medium capable of  
displaying a graphical representation of a product, wherein said graphical

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representation of the product is comprised of at least one independent design element; and

data on a computer readable medium capable of displaying a table of editing information, wherein said table of editing

5 information includes customizable attributes of a user selected independent design element, wherein a user selects said user selected independent design element from the graphical representation of the product.

14. The software-based design editor of claim 13, wherein  
10 said graphical representation of the product and said table are displayed in two separate screen windows.

15. The software-based design editor of claim 13, wherein the user selected independent design element in said table is selected by the user using a computer mouse.

16. The software-based design editor of claim 13, wherein the location of each of said at least one independent design elements can be changed by dragging each of said elements in the graphical representation of the product using a computer mouse.

17. The software-based design editor of claim 13, wherein  
20 the customizable attributes of a user selected independent design element can be changed by the user by editing the information in said table.

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18. A method of relocating elements of an electronic display, comprising the steps of:

providing an image of the electronic display including at least one independent design element to a user;

5 enabling the user to redefine attributes of said at least one independent design element;

defining name-value pairs of information describing said user redefined attributes of said at least one design element; and

10 updating the electronic display based on said name-value pairs.

19. The method of claim 18, wherein said enabling step includes enabling a user to drag & drop with a computer mouse said at least one independent design element to a new location in the electronic display.

15 20. The method of claim 18, wherein said electronic display represents an Internet portal website.

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